Power & distribution cables

YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J

Dutch MV Cable



NEN-HD 620-10J · 6/10–18/30 kV · -25°C to +90°C · Min. bend 15 × OD

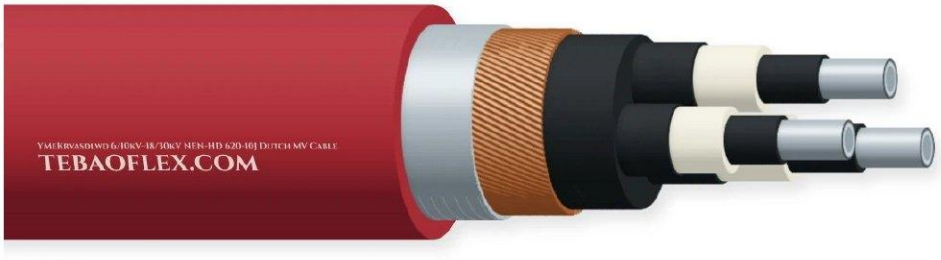
NEN-HD 620-10J | 6/10–18/30 kV

Application

YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J Dutch MV Cable manufactured to NEN-HD 620-10J, rated 6/10 (12) kV / 8.7/15 kV / 12/20 (24) kV / 18/30 (36) kV and -25°C to +90°C with a 15 × OD minimum bending radius for renewable energy installations.

Typical uses: Power distribution & utility networks, Railways, tunnels & public infrastructure, Process instrumentation & oil/gas skids, Industrial automation & control cabinets, Renewable energy, marine & heavy industry

Construction





Cross-section, not to scale

1	Conductor	3×95/50 mm² Solid/Stranded Al
2	Insulation & Core Identification	NEN-HD 620-10J triple-extruded XLPE dielectric (95 mm² Solid Aluminium)
3	Screen / Bedding / Armour Layer	Semi-conductive longitudinal water-blocking swellable tape (wd) + Collective copper wire & equalising tape earth screen (50 mm² as) + Bonded Aluminium/PE radial moisture barrier (lwd)
4	Outer Protective Sheath	Red Medium-Density Polyethylene (MDPE) utility outer sheath (OD 57.9 mm)

Technical data

Typical values

Nominal / reference voltage	6/10 (12) kV / 8.7/15 kV / 12/20 (24) kV / 18/30 (36) kV	Conductor & core insulation	3×95/50 mm² Solid/Stranded Al · NEN-HD 620-10J triple-extruded XLPE dielectric (95 mm² Solid Aluminium)
Routine dielectric / continuity test	100% factory drum spark & continuity verified	Operating temperature range	-25°C to +90°C
Short-circuit / peak thermal limit	+160 °C to +250 °C (5 s conductor thermal limit)	Flame & fire performance	NEN-HD 620-10J
Minimum bending radius	15 × OD	Screening / armour architecture	Semi-conductive longitudinal water-blocking swellable tape (wd) + Collective copper wire & equalising tape earth screen (50 mm² as) + Bonded Aluminium/PE radial moisture barrier (lwd)
Outer sheath material & colour	Red Medium-Density Polyethylene (MDPE) utility outer sheath (OD 57.9 mm)	Standards	NEN-HD 620-10J

Sizes

3 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Part designation	Configuration	Conductor & shield	Insulation / wall	Outer sheath	Outer diameter mm	Min. bend radius mm	Max. conductor resistance @ 20 °C Ω/km	Conductor weight kg/km	Cable weight kg/km	Key electrical / optical rating
YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J 3 sizes										
☐ YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J (3×95/50 mm²)	3×95/50 mm²	Class 1/2 Aluminium	NEN-HD 620-10J triple-extruded XLPE dielectric	Outdoor PE	57.9	868	0.30	2,101.8	5,531	188 A
☐ YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J (3×120/50 mm²)	3×120/50 mm²	Class 1/2 Aluminium	NEN-HD 620-10J triple-extruded XLPE dielectric	Outdoor PE	68.3	1,024	0.23	2,926.8	7,702	218 A
☐ YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J (3×150/50 mm²)	3×150/50 mm²	Class 1/2 Aluminium	NEN-HD 620-10J triple-extruded XLPE dielectric	Outdoor PE	79.9	1,198	0.19	4,002.9	10,534	250 A

– Dimensions and weights are nominal manufacturing targets subject to standard production tolerances.

Standards and approvals

- ✓ NEN-HD 620-10J Compliant
- ✓ EN 10204 3.1 Factory Test Certificate
- ✓ CE, UKCA, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
+86 185 9591 3361

Email
info@tebaoflex.com

Web
tebaoflex.com/cables/ymekrvasdlwd-6-10kv-18-30kv-nen-hd-620-10j-dutch-mv-cable

Typical values for this cable type, based on Reference specification per NEN-HD 620-10J (YMeKrvasdlwd 6/10kV–18/30kV NEN-HD 620-10J). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.